



03/31/97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 71007/137/USGO

In re patent application of

Apurba BHATTACHARJEE et al.

Group Art Unit: 1802

Serial No. 08/230,402

Examiner: H. Sidberry

Filed: April 20, 1994

BOX AF

For: VACCINE AGAINST GRAM-NEGATIVE BACTERIAL INFECTIONS

AMENDMENT AND REQUEST FOR RECONSIDERATION
UNDER 37 C.F.R. § 1.116

Assistant Commissioner for Patents
Washington, D.C. 20231
BOX AF

Sir:

Responsive to an Office Action mailed October 29, 1996, the period for response having been extended to March 29 by the accompanying petition and fee, applicants submit the following claim cancellation and amendments, declarations from experts, and remarks.

IN THE CLAIMS:

Please amend the claims as follows:

1. (Amended) A vaccine, effective in actively or passively immunizing a subject against infection by heterologous Gram-negative bacteria or against lipopolysaccharide (LPS) endotoxin-mediated pathology by the production of an antibody, comprising a non-covalent complex between (i) purified, detoxified LPS endotoxin devoid of O-oligosaccharide side chains derived from *E. coli* J5 strain and (ii) a purified, detoxified outer membrane protein (OMP) derived from *N. meningitidis*, wherein the antibody produced by said vaccine is not bacteriocidal.

AP. 1802

15/B
H. J.
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Scope

not
proper
amendment